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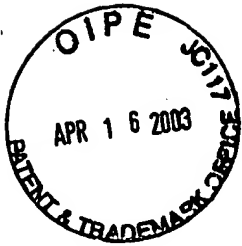
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TRANSMITTAL FORM		Application Number	
(to be used for all correspondence after initial filing)		09/765,014	
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		January 17, 2001	
		First Named Inventor	
		Agazzi	
Group Art Unit		2633	
Examiner Name		unassigned	
Attorney Docket Number		13445US02	
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<input type="checkbox"/> Amendment/Reply		<input type="checkbox"/> Licensing-related Papers	
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Signature			Date April 10, 2003



PATENT
Attorney Docket No. 13445US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

O.E. Agazzi

SERIAL NO.: 09/765,014

FILED: January 17, 2001

FOR: HIGH-SPEED TRANSMISSION
SYSTEM FOR OPTICAL
CHANNELS

GROUP ART UNIT: 2633

EXAMINER: unassigned

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John A. Wiberg

Reg. No. 44,401

Attorney for applicant

INFORMATION DISCLOSURE STATEMENT

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Washington, D.C. 20231

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APR 18 2003

Technology Center 2600

Applicants submit herewith a copy of each of the following references cited for
consideration in connection with the above application:

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

S. Walklin and J. Conradi, "Multilevel Signaling for Increasing the Reach of 10Gb/s
Lightwave Systems," Journal of Lightwave Technology, Vol. 17, No. 11, November
1999, pp. 2235-2248

M. Guizani and A.R. Al-Ali, "PC-Compatible Optical Data Acquisition Unit," 1994
Instrumentation and Measurement Technology Conference, 10-12 May 1994

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

N. Kanno and K. Ito, "Fiber-Optic Subcarrier Multiplexing video Transport Employing Multilevel QAM," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990

W. Ellersick, C.K. Yang, M. Horowitz, and W. Dally, "GAD: A 12GS/s CMOS 4-bit A/D Converter for an Equalized Multi-Level Link," 1999 Symposium on VLSI Circuits

W.J. Dally and J. Poulton, "Transmitter Equalization for 4Gb/s Signalling," Proceedings of Hot Interconnects IV, Palo Alto, 1996

J.H. Winters, R.D. Gitlin, and S. Kasturia, "Reducing the Effects of Transmission Impairments in Digital Fiber Optic Systems," IEEE Communications Magazine, June 1993, pp. 68-76

S. Kasturia and J.H. Winters, "Techniques for High-Speed Implementation of Nonlinear Cancellation," IEEE Journal on Selected Areas in Communications, Vol. 9, No. 5, June 1991

B.L. Kasper, "Equalization of Multimode Optical Fiber Systems," Bell System Technical Journal, Vol. 61, No. 7, September 1982, pp. 1367

J.H. Winters and R.D. Gitlin, "Electrical Signal Processing Techniques in Long-Haul Fiber-Optic Systems," IEEE Transactions on Communications, Vol. 38, No. 9, September 1990, pp. 1439-1453

R. Mason and J.T. Taylor, "High-Speed Electro-Optic Analogue to Digital Converters," 1993 International Symposium on Circuits and Systems, 3-6 May 1993

T.E. Darcie, "Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990

J.A.C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose time Has Come," IEEE Communications Magazine, May 1990, pp. 5-14

R. Olshansky, V.A. Lanzisera, P.M. Hill, "Subcarrier Multiplexed Lightwave Systems for Broadband Distribution," Journal of Lightwave Technology, Vol. 7, No. 9, September 1989

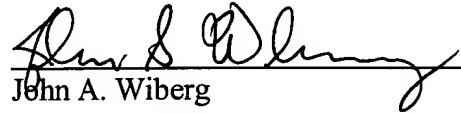
The above references are listed on the enclosed Form PTO-1449 (in duplicate)
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This Information Disclosure Statement is being submitted before the receipt of a
first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit
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Date: April 10, 2003

Respectfully submitted,



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Attorney for applicant

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